

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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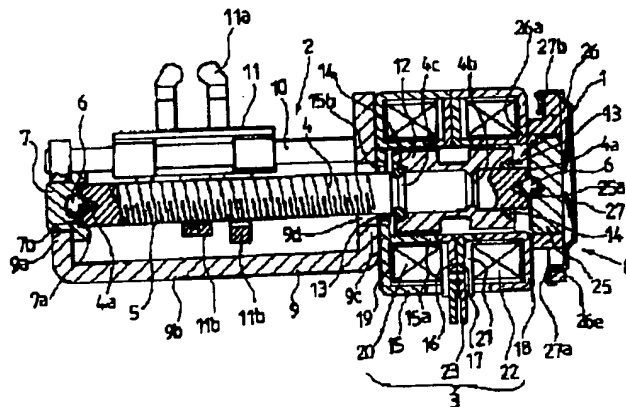
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INT.CL. : H02K 1/28 H02K 1/27 H02K 37/14  
H02K 37/24

TITLE : ROTOR FOR SMALL MOTOR



ABSTRACT : PROBLEM TO BE SOLVED: To definitely prevent slippage and pull-out between a rotor shaft and a rotor magnet by a simple configuration.

SOLUTION: This rotor 1 has a rotor magnet 12 and a rotor shaft 4, and stripe-shaped grooves 4b and 4c forming a groove portion which has a pull-out preventing function against a rotor magnet 12 is formed in the rotor shaft 4. Then, the rotor shaft 4 and the rotor magnet 12 are fixed with a fixing material 14 as fixing means placed in the grooves 4b and 4c and through part of the rotor magnet 12 entering into the grooves 4b and 4c.

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